

EPA Region 8 Projected 2019 Aquatic Life WQS Development Projects

Colorado (Dave Moon)

- Participate in the work group for various projects described in Colorado's 10-year WQS roadmap (ammonia, nutrients, selenium, temperature, cadmium, etc.). For example, we are assisting the WQCD with development of updated TP and TN criteria for lakes and reservoirs (statewide table values).
- Participate in (and monitor progress toward) development of site-specific aquatic life protection standards for all segments statewide where temporary modifications have been adopted (most basins, various sites, various parameters). Study plans and schedules have been established for each project.
- Review noticed proposals to refine aquatic life protection WQS for selected segments in the Upper Colorado River Basin (Regulation 33) and Lower Colorado River Basin (Regulation 37). The public notice was published on February 11, 2019. For example, there are proposals to adopt site-specific changes to aquatic life classifications and/or numeric standards based on a use attainability analysis. A rulemaking hearing will be held in June of 2019.
- Looking forward, the rulemaking hearing schedule:
 - 2019: Upper/Lower Colorado Basins
 - 2020: South Platte Basin
 - 2021: Regulation 31 (e.g., updated cadmium, temperature, and more)
 - 2022: Regulation 31 and 85 (e.g., updated TP & TN values for lakes and reservoirs)
 - 2022: San Juan and Gunnison Basins
 - 2023: Arkansas and Rio Grande Basins

Montana (Tonya Fish)

- Site-specific criteria for selenium for Lake Koocanusa
- UAA New World Mine that may result in site-specific ALC for pH and metals
- Preparing for next triennial review (should start in June 2019) which will include consideration of 304(a) ALC like new aluminum criteria, 2013 ammonia, and 2016 selenium
- Private discharger variances for nutrients
- Addition of ~30 dischargers to Montana's general nutrient variance

North Dakota (Holly Wirick)

- Development of numeric nutrient criteria for Lake Sakakawea
- Early coordination on next triennial review

South Dakota (Holly Wirick)

- Methods for interpreting the narrative standard for SD lakes and reservoirs
- Evaluating options for addressing TSS exceedances
- Current triennial expected to be submitted to EPA in December 2019

Utah (George Parrish)

- Nutrient criteria for headwater streams; and site-specific criteria for Utah Lake
- Numeric criteria for Great Salt Lake water bodies/ecosystems
- Site-specific criteria for: Jordan R. ammonia; and TDS in multiple watersheds

Wyoming (Maggie Pierce)

- Triennial review
- UAA/Site-specific criteria for chloride
- Site-specific criteria for selenium
- Numeric nutrient criteria for lakes/reservoirs in the Wyoming Basin

Tribes (George Parrish)

- Confederated Salish and Kootenai Tribes (Flathead Res., MT) Triennial
- Ute Mountain Ute Tribe Triennial and oil spill enforcement issues
- Northern Cheyenne Tribe Triennial and resegmentation
- Blackfeet (MT) and Southern Ute (CO) Tribes - finalizing initial sets of WQS
- Assist WQS development with tribes (e.g., Standing Rock Sioux, Fort Berthold, Chippewa Cree, Spirit Lake)